

ABSTRACT AMENDMENTS

Replace the Abstract with:

ABSTRACT OF THE DISCLOSURE

B 2) A solid state laser excited by a semiconductor laser ~~is provided which~~ can generate a stable and highly efficient high power laser beam. The laser apparatus includes a solid state laser element containing an active medium, a semiconductor laser for optically exciting the solid state laser element, a power supply for supplying ~~electric power~~ pulses of current having magnitudes that change with time during each pulse to the semiconductor laser, and an optical resonator for emission of a laser beam from the ~~optically excited~~ solid state laser element. When the semiconductor laser is ~~pulsed to excite~~ driven with the pulses that change in magnitude during each pulse, it produces pulsed excitation light that excites the solid state laser element, current supplied to the semiconductor laser is changed within a single pulse. A stable laser beam is produced because changes in thermally sensitive light-generating parameters of the semiconductor laser are compensated.
